

Bachelor of Computer Application

Curicullum :

Semester	
1	Programming using C & C++
	Computer system & peripheral
	Mathematics
	Communication Skills
	Web Development
	Climate Change and sustainable environment (Value added course-1)
	Positive Mental Health (Value Added Course-2)
2	Database Management System
	Software Engineering
	Principles of Management
	Professional Communication Skills
	Open source technology using PHP
	Value Added Course - 3
	Value Added Course - 4
3	Operating System
	Computer network
	Programming in python
	Digital electronics
	Personality Development
	Web application development using ASP.NET
4	Data structures & Algorithms
	Category Subject (Major- Artificial Intelligence)
	Java Programming
	Category_Subject (Minor- information and Network Security/ Microprocessor and Microcontroller)
	Human Values and Professional ethics

5	Advanced Java
	Category Subject (Major- Machine Learning)
	Elective-1 (Data Mining & Data Warehousing/ IT & Network Security/ Principles of Robotics/ Cloud Computing)
	Category Subject (Minor- Cloud Computing/ Cyber Security)
	Summer Internship
6	Compiler Design
	Category Subject (Major- Deep Learning and Internet of thing)
	Mobile Application Development
	Elective-2 (Data Science/ Cyber security/ Automation System/ Internet of things)
	Category Subject (Minor- Internet of things/ Blockchain Technology)
	Project-1